Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046804.D
Acq On : 7 Oct 2020 16:23
Operator : CG/JU
Sample : L4274-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
mohammad
10/8/2020 12:28:48 PM

Quant Time: Oct 07 17:05:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.112	152	67599	20.00	ng		0.00
21) Naphthalene-d8	10.920	136	258606	20.00	ng		# 0.00
39) Acenaphthene-d10	14.734	164	183161	20.00	ng		0.00
64) Phenanthrene-d10	17.477	188	448399	20.00	ng		0.00
76) Chrysene-d12	21.755	240	487563	20.00	ng		# 0.00
86) Perylene-d12	25.033	264	503797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.674	112	299603	71.00	ng		0.00
7) Phenol-d6	7.260	99	417114	70.08	ng		0.00
23) Nitrobenzene-d5	9.269	82	298867	61.48	ng		0.00
42) 2,4,6-Tribromophenol	16.220	330	192695	79.79	ng		0.00
45) 2-Fluorobiphenyl	13.359	172	668871	51.70	ng		0.00
79) Terphenyl-d14	20.080	244	1227701	50.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	63481	32.24	ng	#	90
3) Pyridine	3.958	79	183531	32.95	ng		92
4) n-Nitrosodimethylamine	3.876	42	104081	35.71	ng	#	70
6) Aniline	7.430	93	169785	23.60	ng		94
8) 2-Chlorophenol	7.671	128	181645	43.20	ng		93
9) Benzaldehyde	7.242	77	50639	10.88	ng		93
10) Phenol	7.283	94	253547	42.80	ng		80
11) bis(2-Chloroethyl)ether	7.524	93	174560	38.12	ng		92
12) 1,3-Dichlorobenzene	8.000	146	209251	38.54	ng	#	95
13) 1,4-Dichlorobenzene	8.147	146	208352	38.72	ng		97
14) 1,2-Dichlorobenzene	8.464	146	202156	40.28	ng		96
15) Benzyl Alcohol	8.341	79	192868	39.41	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.635	45	259114	32.25	ng		96
17) 2-Methylphenol	8.541	107	160475	42.18	ng	#	90
18) Hexachloroethane	9.199	117	75507	37.20	ng		96
19) n-Nitroso-di-n-propyla...	8.911	70	150280	36.82	ng		94
20) 3+4-Methylphenols	8.870	107	218314	42.10	ng		93
22) Acetophenone	8.929	105	281858	37.52	ng	#	91
24) Nitrobenzene	9.310	77	227598	42.89	ng		89
25) Isophorone	9.839	82	396393	37.36	ng	#	96
26) 2-Nitrophenol	10.021	139	101497	52.91	ng	#	77
27) 2,4-Dimethylphenol	10.080	122	174764	45.58	ng		87
28) bis(2-Chloroethoxy)met...	10.321	93	231173	35.32	ng		95
29) 2,4-Dichlorophenol	10.562	162	195096	42.30	ng		97
30) 1,2,4-Trichlorobenzene	10.779	180	218081	39.61	ng		97
31) Naphthalene	10.973	128	550249	39.23	ng		99
32) Benzoic acid	10.204	122	129625	48.40	ng	#	83
33) 4-Chloroaniline	11.067	127	101502	16.34	ng	#	88
34) Hexachlorobutadiene	11.261	225	156254	38.71	ng		96
35) Caprolactam	11.831	113	63273m	40.50	ng		
36) 4-Chloro-3-methylphenol	12.184	107	207914	41.93	ng		89
37) 2-Methylnaphthalene	12.571	142	412683	39.68	ng	#	91
38) 1-Methylnaphthalene	12.789	142	389705	40.37	ng		99
40) 1,2,4,5-Tetrachloroben...	12.936	216	265454	40.32	ng	#	98
41) Hexachlorocyclopentadiene	12.918	237	351104	91.68	ng		98
43) 2,4,6-Trichlorophenol	13.165	196	178504	43.11	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.235	196	190220	45.65	ng	#	95
46) 1,1'-Biphenyl	13.570	154	551912	39.19	ng		96
47) 2-Chloronaphthalene	13.611	162	431603	37.72	ng		97
48) 2-Nitroaniline	13.805	65	147711	48.63	ng	#	84
49) Acenaphthylene	14.457	152	666655	39.59	ng		98
50) Dimethylphthalate	14.181	163	659403	45.07	ng		99
51) 2,6-Dinitrotoluene	14.299	165	124021	52.16	ng	#	75
52) Acenaphthene	14.798	154	510442	44.63	ng		97
53) 3-Nitroaniline	14.628	138	73566	27.38	ng	#	71
54) 2,4-Dinitrophenol	14.833	184	154730	119.16	ng	#	73
55) Dibenzofuran	15.133	168	680148	39.39	ng		95
56) 4-Nitrophenol	14.927	139	230576	104.20	ng	#	69
57) 2,4-Dinitrotoluene	15.086	165	177566	56.40	ng	#	79
58) Fluorene	15.779	166	559067	40.43	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.350	232	190288m	45.68	ng		
60) Diethylphthalate	15.544	149	556420	37.83	ng		97
61) 4-Chlorophenyl-phenyle...	15.768	204	321948	40.78	ng		99
62) 4-Nitroaniline	15.791	138	126747	42.49	ng	#	63
63) Azobenzene	16.061	77	538795	37.27	ng		90
65) 4,6-Dinitro-2-methylph...	15.844	198	116625	62.66	ng		87
66) n-Nitrosodiphenylamine	15.979	169	513634	38.13	ng		98
67) 4-Bromophenyl-phenylether	16.667	248	218072	38.49	ng		98
68) Hexachlorobenzene	16.784	284	233134	38.24	ng		94
69) Atrazine	16.925	200	162513	30.03	ng		99
70) Pentachlorophenol	17.125	266	329707	93.70	ng		91
71) Phenanthrene	17.519	178	951959	39.10	ng		98
72) Anthracene	17.613	178	969851	40.37	ng		98
73) Carbazole	17.877	167	874805	40.02	ng		98
74) Di-n-butylphthalate	18.435	149	993677	36.98	ng	#	98
75) Fluoranthene	19.522	202	1262270	40.71	ng		98
77) Benzidine	19.698	184	428937	28.54	ng		99
78) Pyrene	19.886	202	1260743	40.23	ng		99
80) Butylbenzylphthalate	20.768	149	469026	38.73	ng		88
81) Benzo(a)anthracene	21.737	228	1267036	38.93	ng		99
82) 3,3'-Dichlorobenzidine	21.643	252	245379	19.42	ng		97
83) Chrysene	21.802	228	1214500	39.05	ng		99
84) Bis(2-ethylhexyl)phtha...	21.643	149	671761	37.76	ng		96
85) Di-n-octyl phthalate	22.877	149	1151707	37.65	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.770	276	1514877	40.64	ng	#	89
88) Benzo(b)fluoranthene	23.993	252	1307135	39.59	ng	#	97
89) Benzo(k)fluoranthene	24.058	252	1269700	40.00	ng	#	98
90) Benzo(a)pyrene	24.875	252	1194671	38.45	ng	#	98
91) Dibenzo(a,h)anthracene	28.846	278	1245008	40.83	ng	#	94
92) Benzo(g,h,i)perylene	29.945	276	1256615	42.14	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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